

MARGINAL NOTES

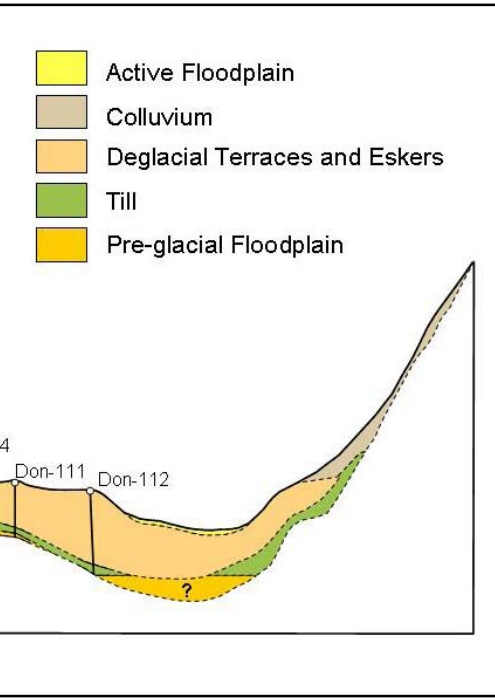
This terrain inventory map was created based on the Terrain Classification System for British Columbia (Howes and Kink, 1997), with modification to meet standards set by the Yukon Geological Survey and the Geological Survey of Canada.

The study area straddles the continental divide, with the Pelly River flowing west to the Yukon River and the Nahanni River flowing east to the Mackenzie River.

The study area was a major accumulation zone for the Selwyn Lobe during the late Wisconsinan (McConnell) glaciation. This lobe spread west for more than 200 km and was possibly over 2000 m thick at its maximum over the study area (Jackson et al., 1991).

The earliest stage of ice-flow involved valley glaciers originating in local cirques. As these glaciers completed and developed into an ice sheet, the ice divide was carried east of the Nahanni River (Turner et al., 2008).

STRATIGRAPHY



Cross-section of the surficial materials near Don-104. Depths of the materials are inferred from Quaternary sediments in five drill holes.



Figure 1. Avalanche and debris flow tracks on the side of Don Valley. The pattern of vegetation in these tracks indicates multiple recent events.

Figure 2. Solifluction lobes on a north-facing slope as an example of periglacial mass movement processes.



Figure 3. Rock glaciers such as this are common in north-facing cirques. Some extend to valley bottoms and are over a kilometre in length.

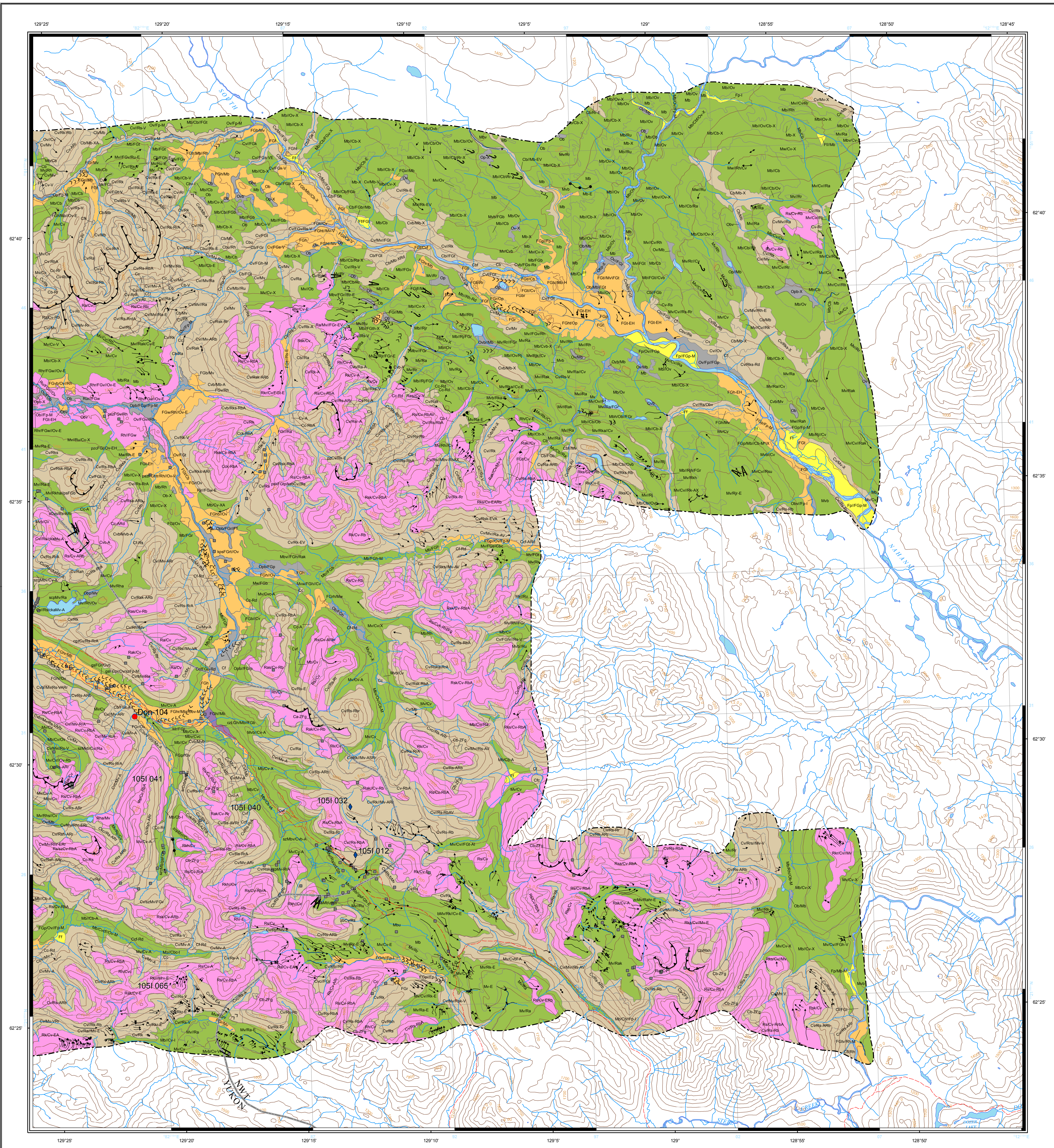


Figure 4. Meltwater channels are common on valley sides across the study area. The ones pictured above formed laterally on the glacial margin.

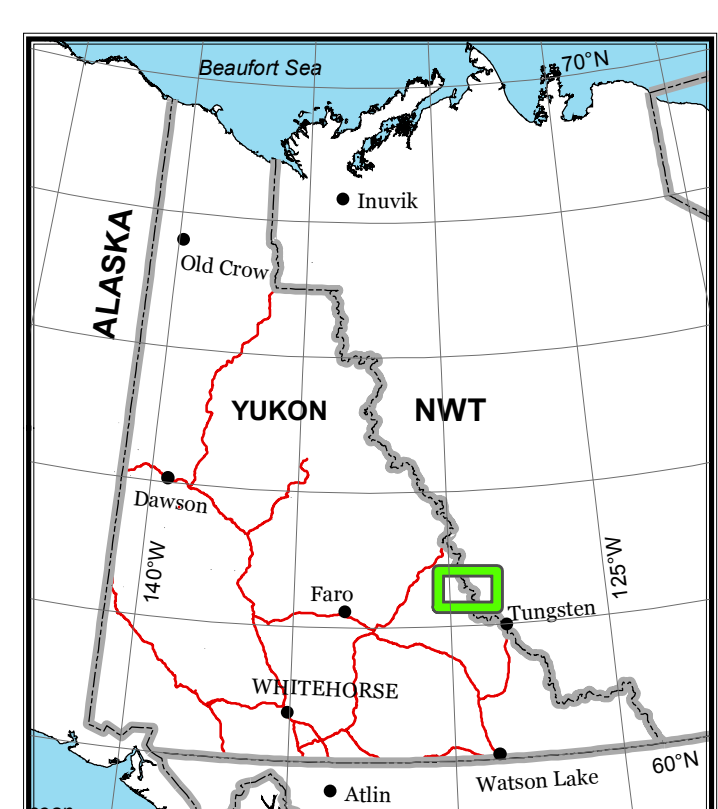


Figure 5. Kame terraces in a tributary to the Don Valley. The surface is heavily kettled from the melting of buried ice blocks.

Figure 6. An example of zinc-rich moss accumulating from streams and springs running through mineralized zones.



Surficial Material Legend, Symbols, Geological Boundaries, Administrative Boundaries, Geomorphological Processes, Erosional Processes, Fluvial Processes, Mass Movement Processes, Deglacial Processes, Acknowledgements, Selected References, Recommended Citation, and Mineral Occurrences.



Terrain Inventory HOWARD'S PASS YUKON/NWT 1051/10, 6 and 7. Includes scale 1:50,000 and map location details.

Table of Mineral Occurrences with columns for location, mineral name, and status. Includes a legend for mineral occurrence symbols.

Yukon Geological Survey Energy, Mines and Resources Government of Yukon. Open File 2008-20. Surficial Geology of the Howard's Pass area (NTS 1051/10, 6 and 7, Yukon and Northwest Territories. (1:50 000 scale).